M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 2nd and final Bill

58926

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... M/s Inchara Construction, Bangalore

Date of commencement of work..... D.o.R.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work : Improvements to Roads of drains at Abbigere Junata colony Cross-Roads in Ward No.12 Dhelthally, in Dhelthally Sub-Division						
	Estimated cost Rs. 50.00 Lakhs						
	JOB. NO = 012-18-000011						
	Work order No = EE/DD/WO/174/2017-18. Dt 30-12-2017						
	Date of Commencement = 01-01-2018						
	Date of Completion = 30-07-2018						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Foundation excavation by manual means in ordinary soil, including all lifts upto an average height not exceeding 1.5m, average lead upto 50m, Excavated surface levelled and sides neatly dressed, the disposed Earth to be leveled neatly after breaking clods complete as per specifications and directions of Engineer-in-charge, MDDA.						
	a) Provisional.	Qty as per				589/17-18	
		P.no. 58819.	22.00	①		459.23 m³	
	(b) Present measurements as per MB. page ①						
		P.no 58959				262.97 m³	
					Total	713.20 m³	

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

58927

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			deduct	Previous qty		= 450.23 m³	
				total qty		= 262.97 m³	
						@ 1591.00/m³ Rs 4,1812.33	
(2)	Providing and laying in position plain cement concrete consisting of mix 1:4:8 (1 part of cement @ 180 kgs thick stone and stone grit graded granite metal coarse aggregate @ 0.85 m³ of fine aggregate @ 0.57 m³, mixing in mixed concrete laid in layers not exceeding 15cm thick well compacted, in flat						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Including carriage all machines, labours, hamaj, treatment, curing complete as per specification and direction of Engineer-in-charge of work.						
	(a) Providing all kinds of RCC work in foundation, footings, plinth beam, grade slab, columns, walls, staircase, lintel, chajja, sunshade, fins, parapet, coping, etc. above plinth level up to floor V level as per design, drawing and direction of Engineer-in-charge.						
	Provision - 1					58.19	
	Provision - 2					16.95	
	(2)				Total	79.07 m³	
			deduct		Plinth	62.12 m³	
					net qty	16.95 m³	82,716.00
					@ 4880/m³		

M. A. R. 57 (Rule 116) No. D

Measurement Book

58928

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Providing and laying in position reinforced cement concrete design mix M.20 with OPC cement @ 320 kg/m³ with 20mm and down size graded granite metal, coarse aggregate @ 0.69 m³ and fine aggregate @ 0.460 m³ using super plasticizer @ 1% confirming to IS 9103-1999 as amended upto date, machine mixed & concrete laid in layers not exceeding 150mm thick vibrated for all works in foundation for footings, pedestal, retaining walls, staircase, retaining wall, sunken wall, including attached planters, column, grey, abutments, pilasters, etc						

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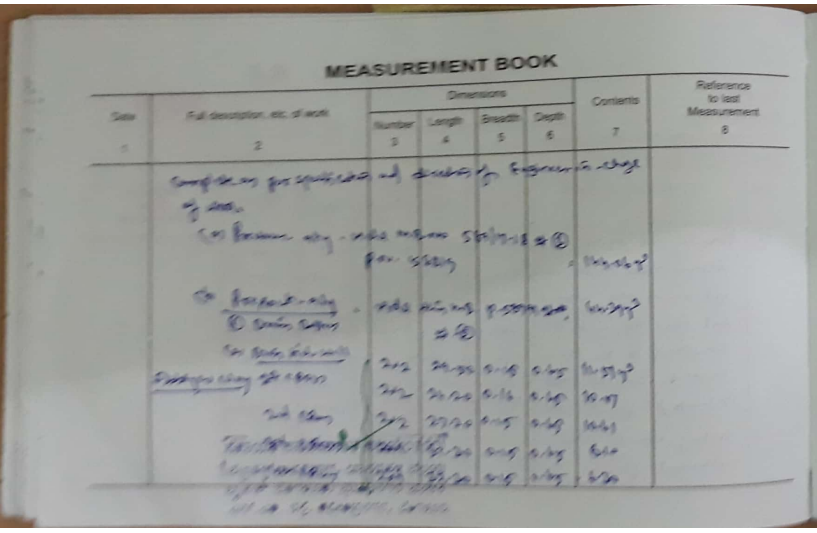
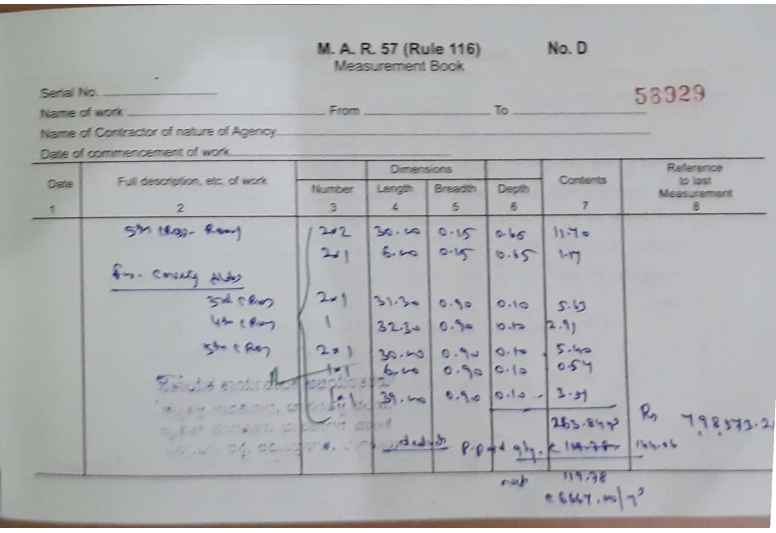


MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

58929

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th Floor Roof	2×2	30.00	0.15	0.65	11.70	
		2×1	6.00	0.15	0.65	1.17	
	Ram. Cavity Walls						
	3rd Floor	2×1	31.30	0.90	0.10	5.63	
	4th Floor	1	32.30	0.90	0.10	2.91	
	5th Floor	2×1	30.00	0.90	0.10	5.40	
		1×1	6.00	0.90	0.10	0.54	
		2×1	39.00	0.90	0.10	3.51	
						253.84 m³	Rs 7,98,373.2
						@ 144.78	144.06
						119.78	
						@ 667.00/m³	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
④	Providing and removing, centring, shuttering, strutting, propping etc and removal of form work for various surface of walls at any tier & elevation, including scaffolding platforms, bathrooms, plinths, cills and string courses, casting of all materials, labour complete as per specifications, drawings, Engineer-in-charge's instructions.						
	(a) Previous qty vide M.B. No 589/17-18						
	" ⑭ P. no. 58819					1121.92 sq.m	
	(b) Present qty vide this M.B. P. 58991					792.28 sq.m	
	" ⑭						
					Total	924.20 sq.m	
					Deduct	Ppsd 1121.92 sq.m	232138.84

@ 293/sq.m Net qty 792.28 sq.m

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To 53930

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
⑤	Providing T.M.T. steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing position, lapping or welding wherever required, tying with binding wire and anchoring to the adjoining members, wherever necessary complete as per specifications, drawings, Engineer-in-charge's instructions.						
	(a) Previous qty vide M.B. no. 589/17-18 p. no. 58819					9.63 Tons	
	(b) Present qty vide this M.B. p. 58990					7.71 "	
	" ⑤				Total	17.34 Tons.	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Deduct	P. paid	=	9.63 Tons	
					net qty	7.71 Tons	4,26,600.00
					@ 60,000/Tonne		
(6)	Providing and laying reinforced cement pre-cast slabs of M 25 CC 1:1½:3 using 20mm and down size graded granite metal using HYSD 10mm dia steel @ 100 kg/cft Kgs ways and complete as per specifications.						
	Per Precum. qty						
	Abstract. qty	Vide MB. 589/P. 18					
	1st floor	# ⑧ P. 5019				317.25	
		2	24.20	0.90	-	43.56 Sq.m	
	2nd floor	2	26.50	0.90	-	47.70	
		2	37.60	0.90	-	67.68	
	3rd floor	1	17.00	0.90	-	15.30	
					Total	491.49 Sq.m	

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To 58931

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Deduct	P. paid	qty :	317.25 Sq.m	
					net qty	174.24 Sq.m	
	Certificate				Up to	174.15 Sq.m	
	① certified that the contractor has done satisfactorily.				@ 2100/Sq.m		365715.00
	② the contractor has removed the debris from site				Total Rs		19,83,554.53
	③ there is no any dept. made/mats issued to contract.						

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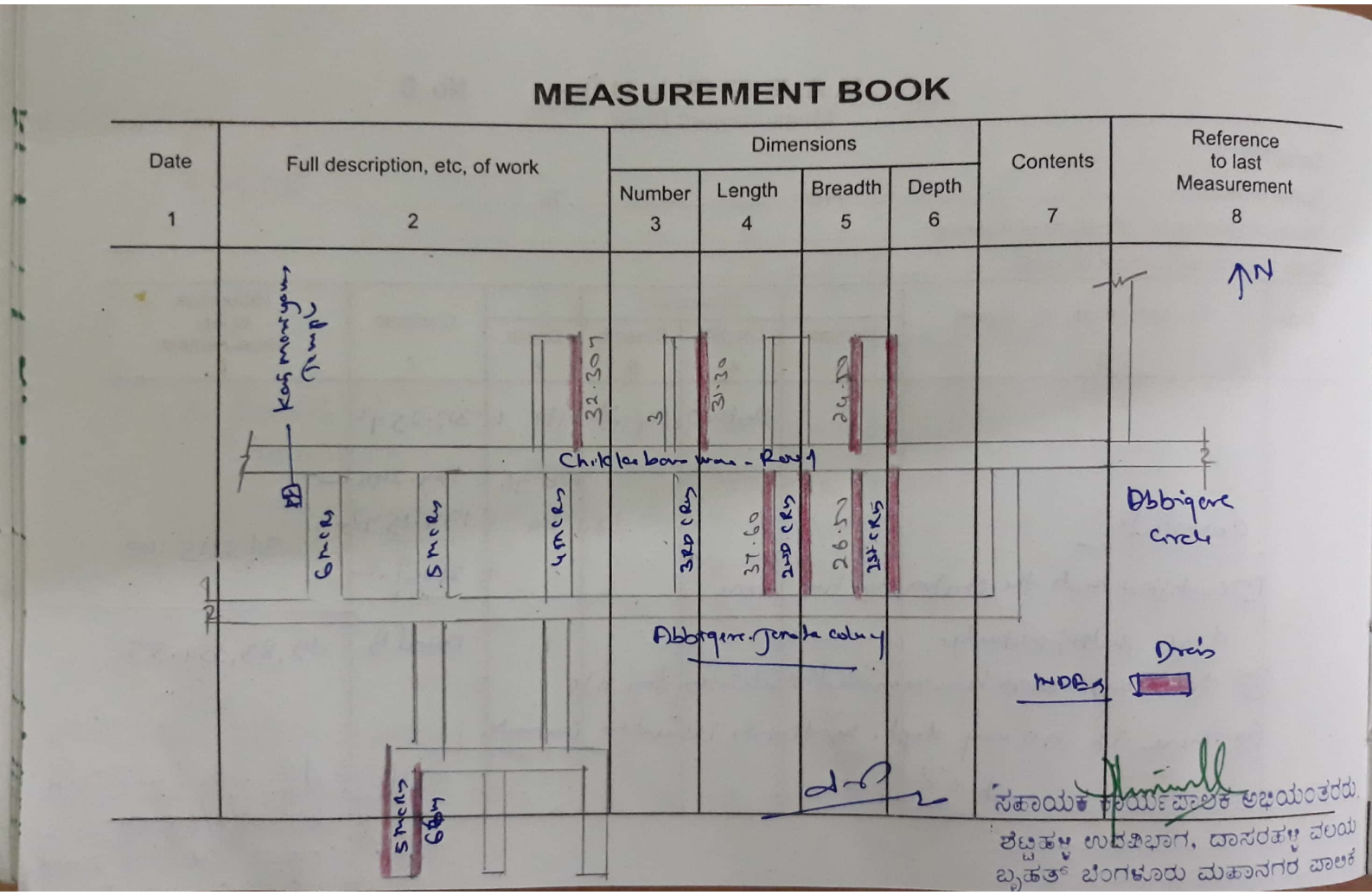
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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